

# PATENT ABSTRACTS OF JAPAN

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(54) **WRAPPING MATERIAL HAVING EASINESS IN PUNCHING-UNSEALING**

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a wrapping material having excellent moisture-proofness, excellent chemical resistance and excellent easiness in punching-unsealing by using a cyclic olefin resin having an Izot impact strength and a tensile elongation both of which are not more than specific values.

SOLUTION: At least one material having an Izot impact strength of not more than 18 kJ/m<sup>2</sup> and a tensile elongation of not more than 20%, selected from (A) an ethylene-cyclic olefin random copolymer obtained by copolymerizing ethylene and a cyclic olefin of formula I or II, (B) a ring-opening polymerized polymer or a copolymer of a cyclic olefin of formula I or II, (C) a hydride of component B and (D) a graft modified material of component A, B or C is used. In formula I, (n) is 0 or 1; (m) is 0 or an integer of not less than 1; (q) is 0 or 1; R<sub>1</sub>-R<sub>18</sub>, R<sub>a</sub> and R<sub>b</sub> are each H, a halogen or a hydrocarbon.

In formula II, (p) and (q) are each 0 or an integer of not less than 1; (m) and (n) are each 0-2; R<sub>1</sub>-R<sub>19</sub> are each H, a halogen, an aliphatic, an alicyclic or an aromatic hydrocarbon, or an alkoxy.

